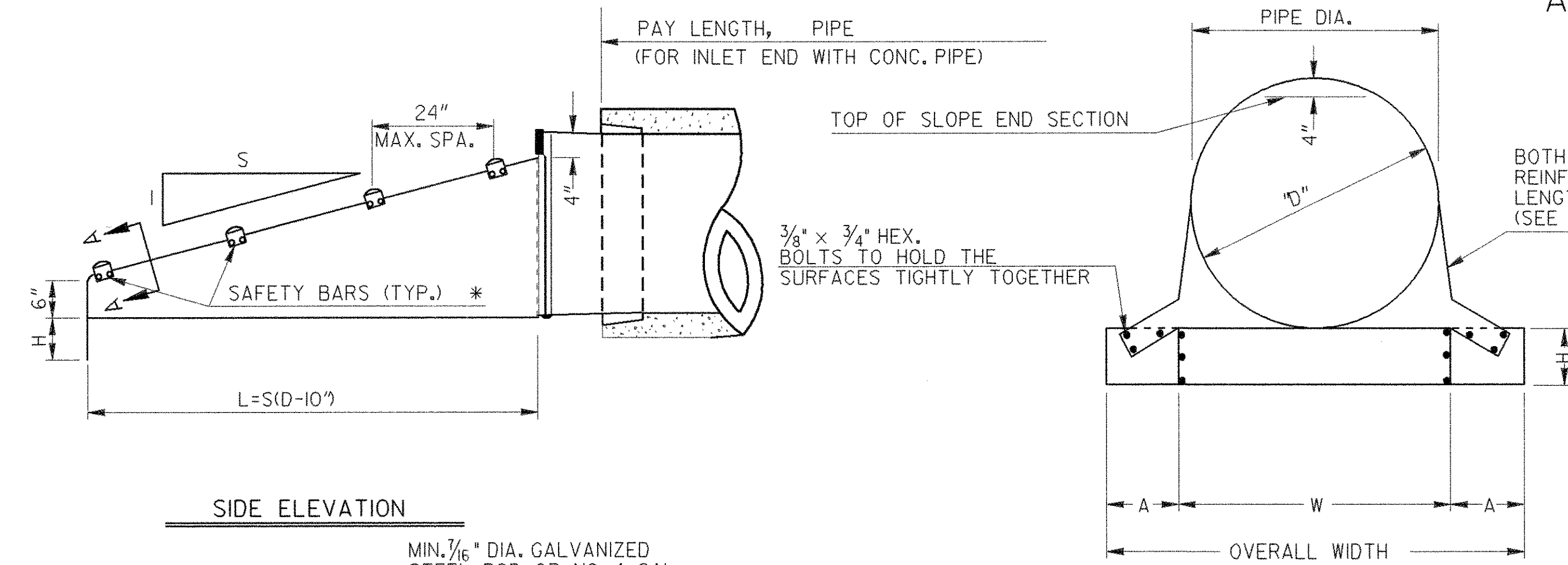
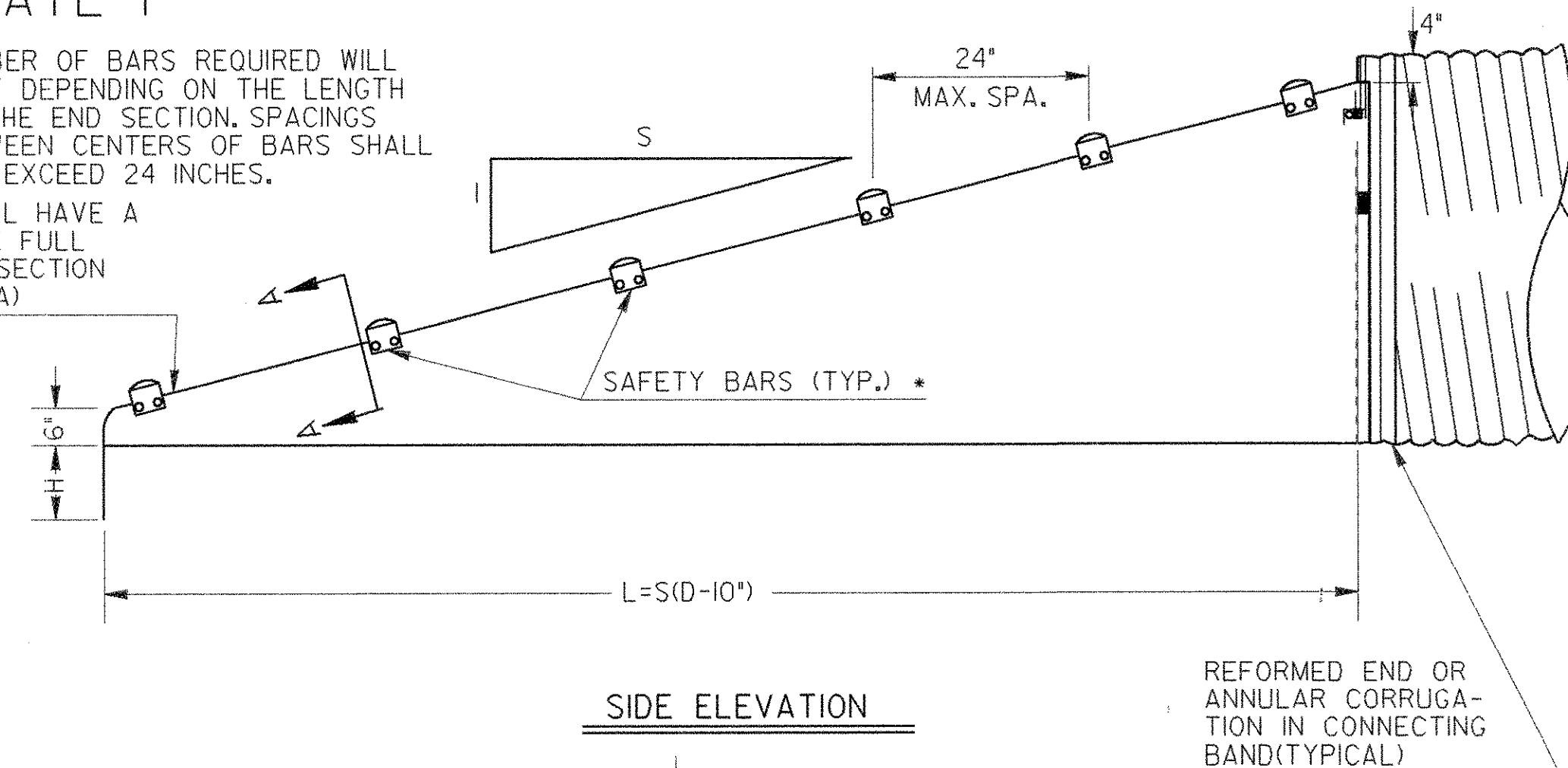


ALTERNATE 1



* NUMBER OF BARS REQUIRED WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION. SPACINGS BETWEEN CENTERS OF BARS SHALL NOT EXCEED 24 INCHES.

BOTH SIDES SHALL HAVE A REINFORCED EDGE FULL LENGTH OF END SECTION (SEE SECTION A-A)



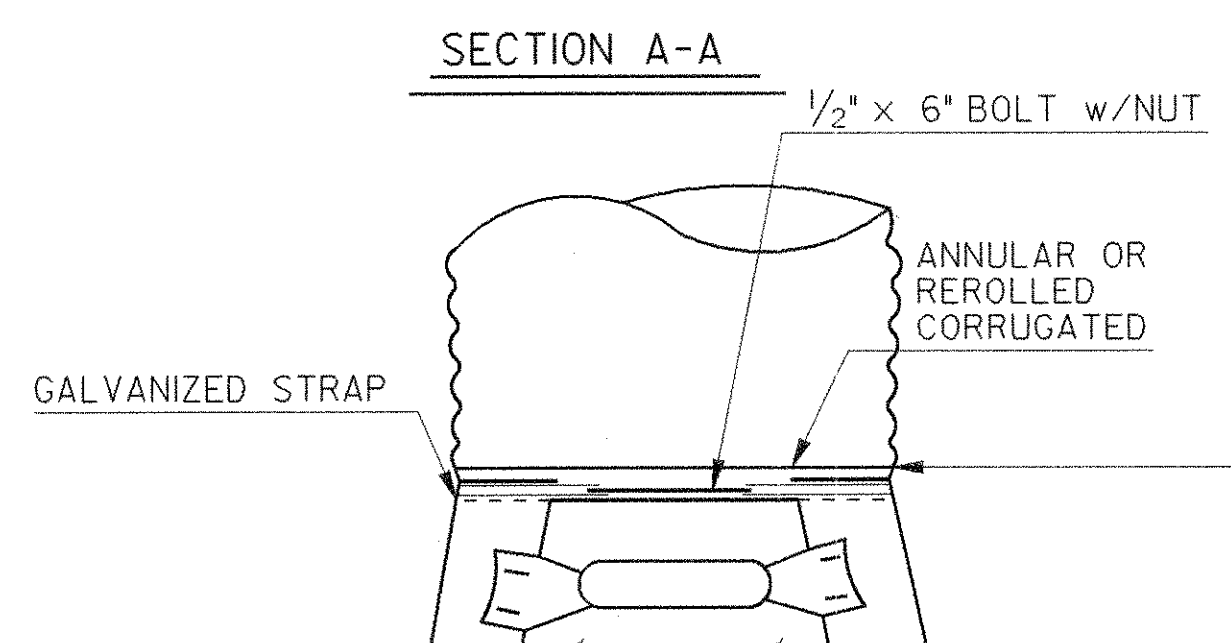
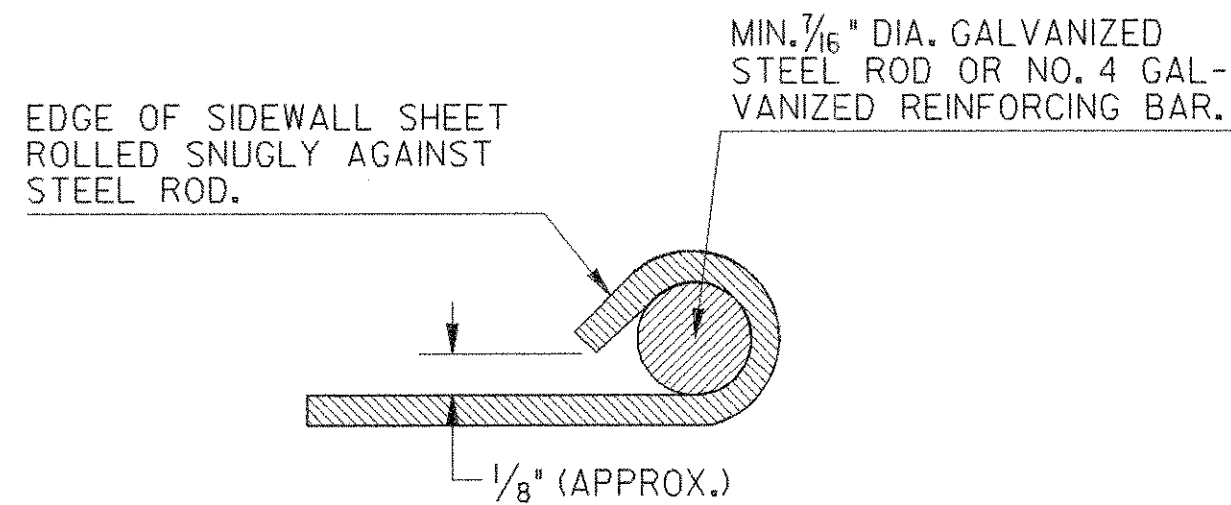
GENERAL NOTES ALTERNATE 1

GALVANIZED STEEL SHEET
USE GALVANIZED STEEL SHEET CONFORMING TO AASHTO M 218.

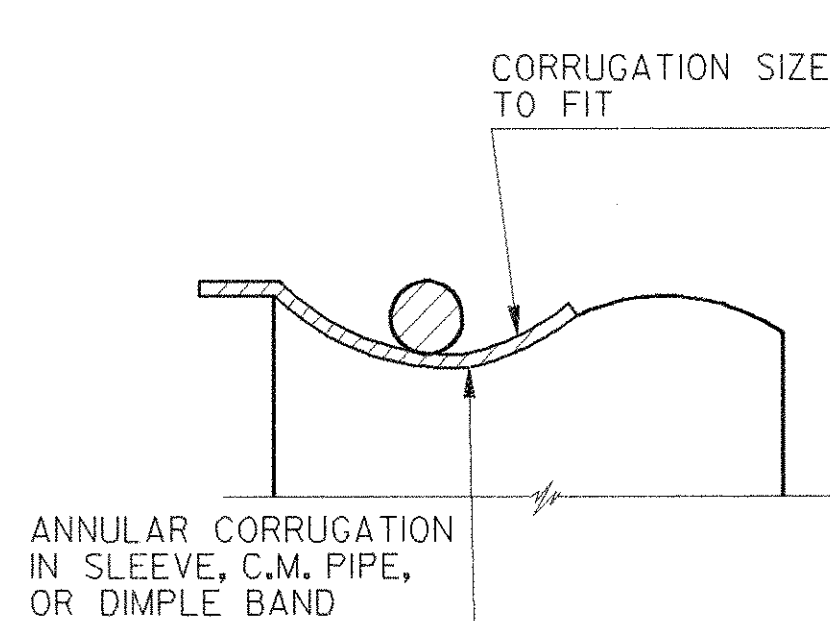
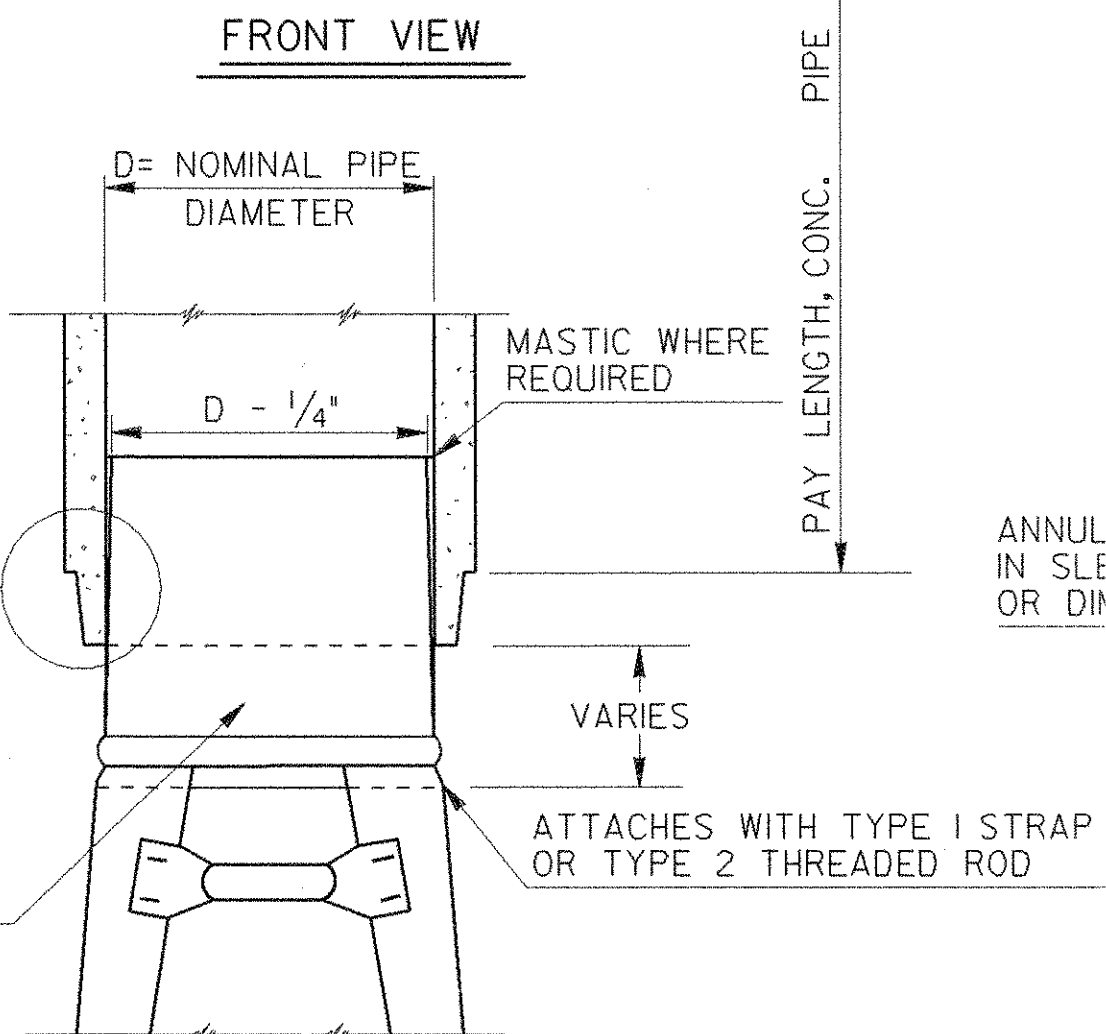
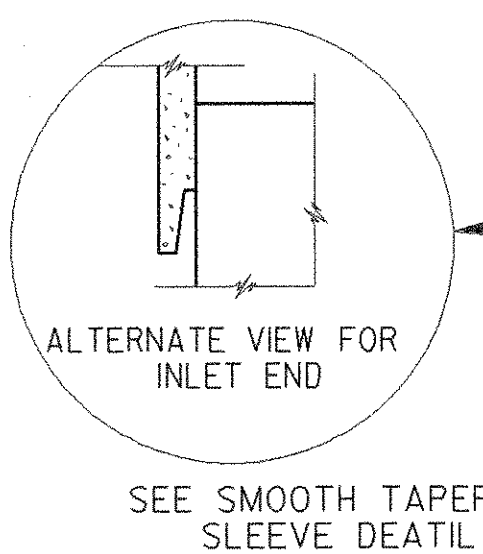
CONNECTORS
PAYMENT FOR END SECTION SHALL INCLUDE CONNECTION OF THE TYPE REQUIRED FOR THE SIDE DRAIN USED.

SAFETY BARS
SHALL BE 3" SCHEDULE 40 GALVANIZED STEEL PIPE. PIPE TO BE GALVANIZED AFTER FORMING. SAFETY BARS SHALL BE REQUIRED FOR ALL SAFETY END SECTIONS.

MISCELLANEOUS DETAILS
DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE MANUFACTURER'S REQUIREMENTS, SUBJECT TO APPROVAL BY THE D.O.T.'S LABORATORY. A SAMPLE MUST BE SUBMITTED TO PRE-QUALIFY THE PRODUCT.



NOTE:
Payment for Safety End Section shall include Tapered Sleeve.



SIDE ELEVATION

TYPE #2 CONNECTOR DETAILS FOR 30" AND LARGER

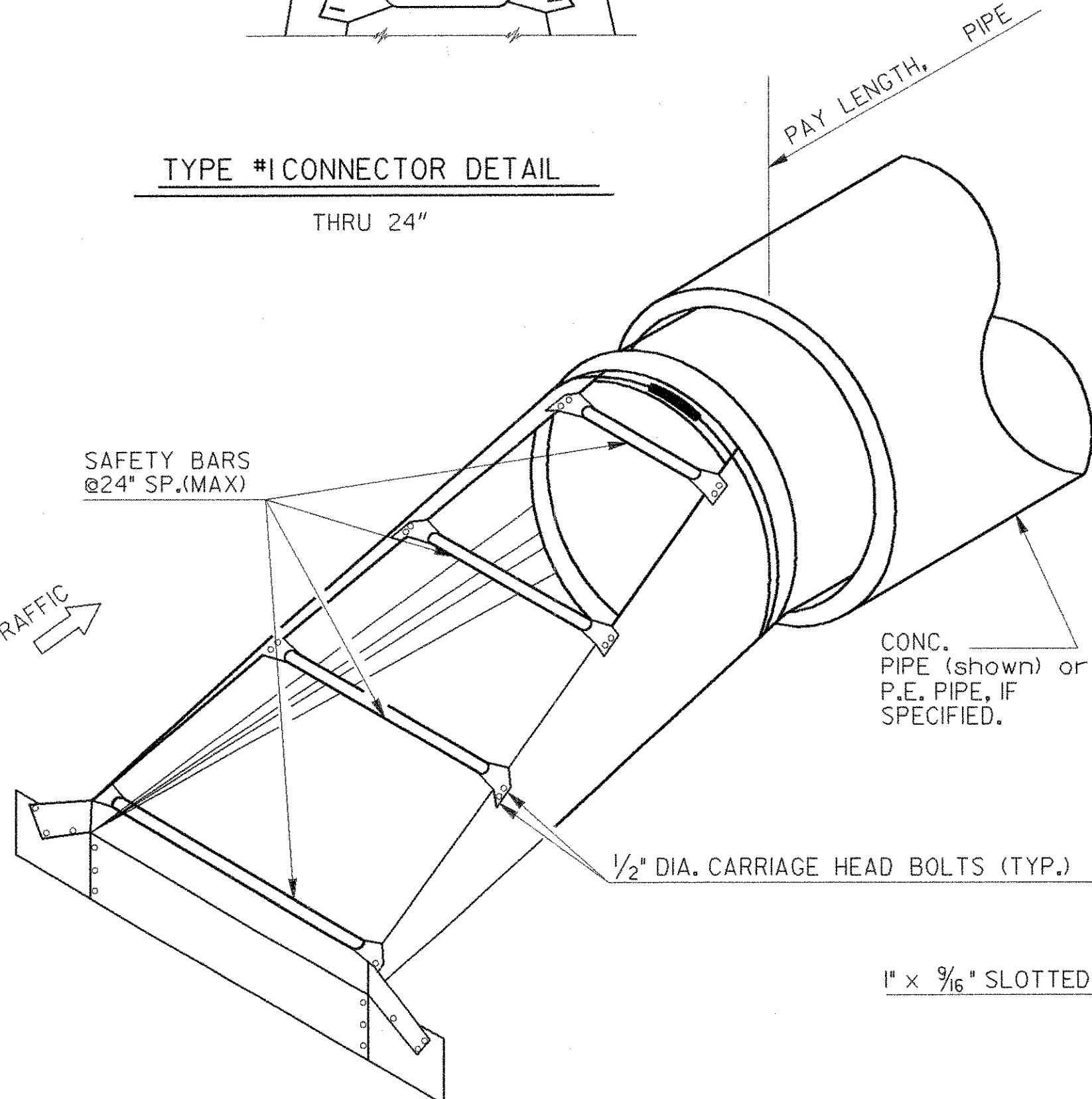
TYPE 3 ALTERNATE CONNECTOR (NOT SHOWN)
A DIMPLE BAND COLLAR MAY BE SHOP BOLTED TO THE END SECTION

SIZES, DIMENSIONS, AND THICKNESSES										
PIPE DIA. (IN.)	MIN. THICK. IN.	GAGE	DIMENSIONS (INCHES)				SLOPE (S:H)	* L DIMENSION		
			A	H	W @ 6"	OVERALL WIDTH		LENGTH (IN.)	SLOPE (S:H)	LENGTH (IN.)
15	.064	16	8	6	21	37	4:1	20	6:1	30
18	.064	16	8	6	24	40	4:1	32	6:1	48
24	.064	16	8	6	30	43	4:1	56	6:1	84
30	.109	12	12	9	36	60	4:1	80	6:1	120
36	.109	12	12	9	42	66	4:1	104	6:1	156
42	.109	12	16	12	48	80	4:1	128	6:1	192
48	.109	12	16	12	54	86	4:1	152	6:1	228

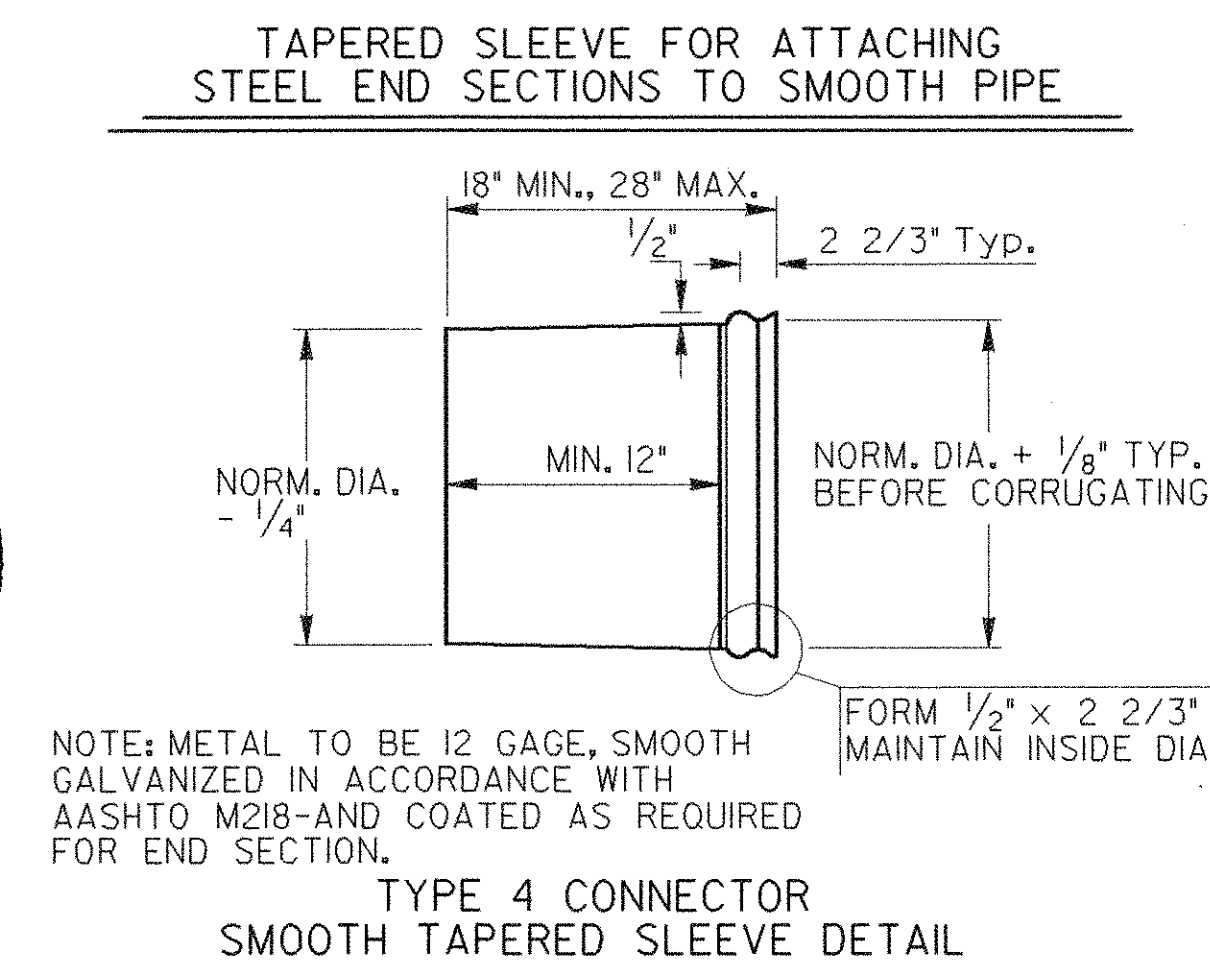
*SEE STD. NO. 903IT FOR SLOPES AT SIDE ROAD OR AT DRIVES.

SPECIAL NOTE:

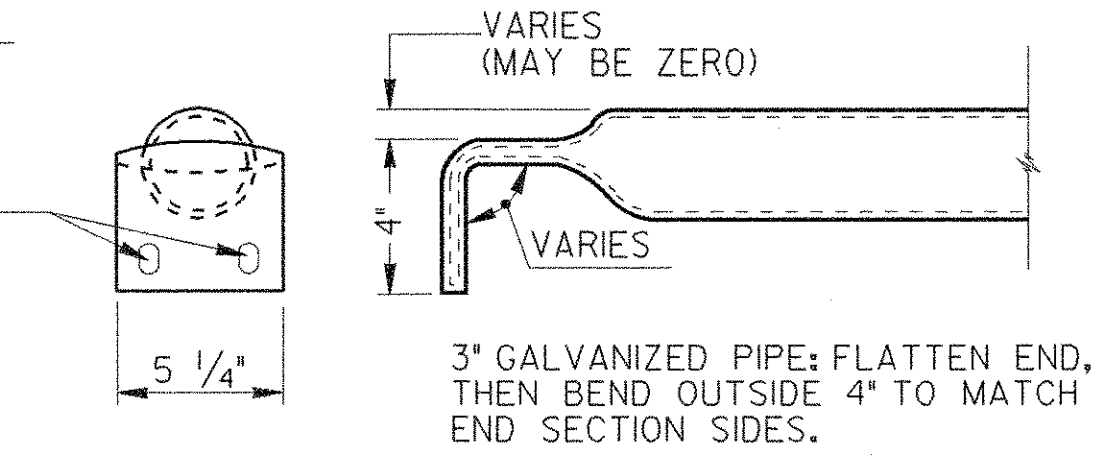
WHERE THE LENGTH OF DITCH OR THE DISTANCE BETWEEN THE POINTS OF END SECTIONS ON SEPARATE INSTALLATIONS WOULD BE LESS THAN 30 FT., CONTINUED S.D. PIPE WITH AN INTERMEDIATE INLET OR OTHER ALTERNATE MAY BE SPECIFIED INSTEAD.



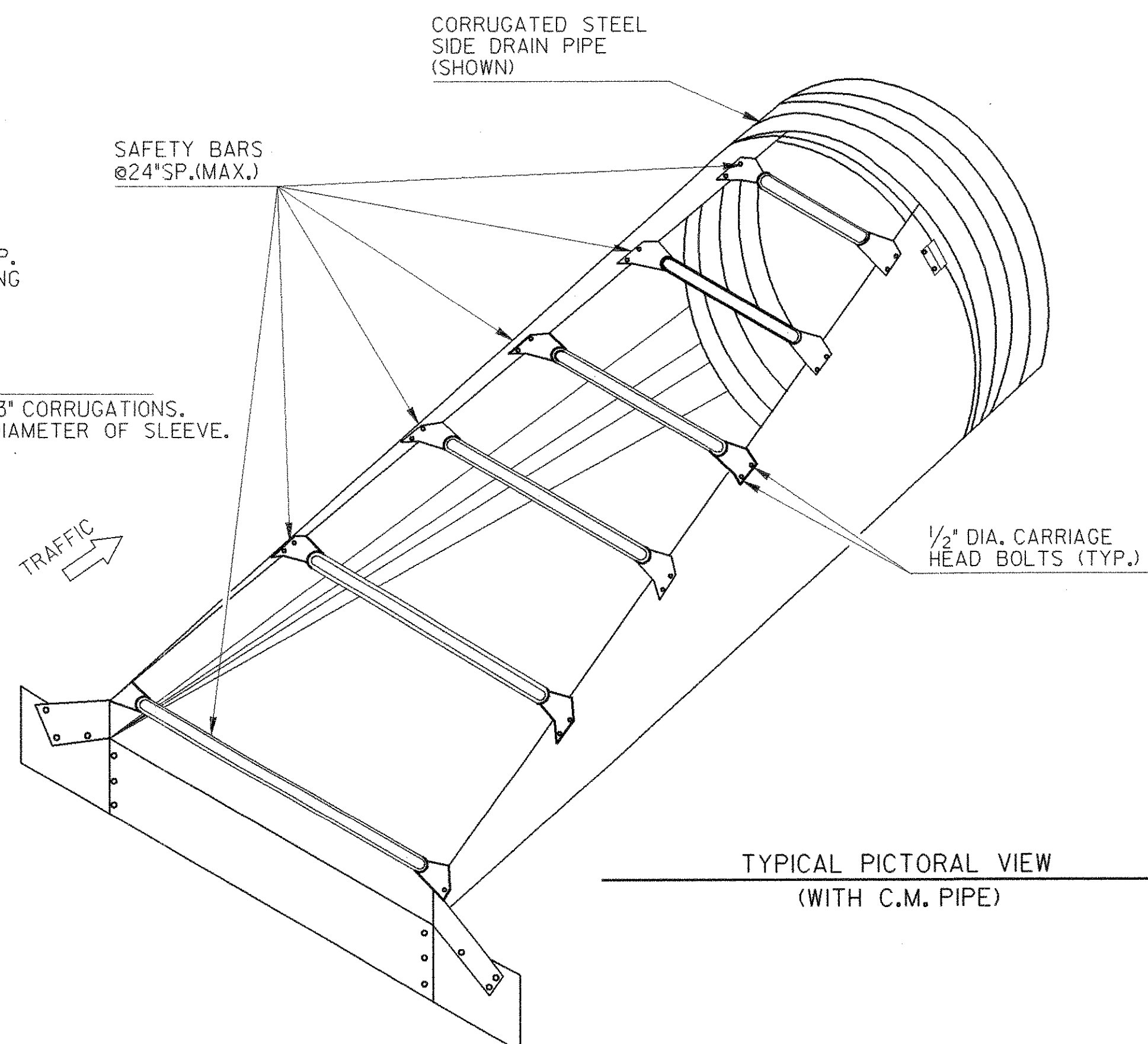
TYPICAL PICTORAL VIEW (WITH CONCRETE PIPE)



TYPE 4 CONNECTOR SMOOTH TAPERED SLEEVE DETAIL



TYPICAL DETAIL OF SAFETY BARS



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA					STANDARD SAFETY END SECTION (METAL)	
					(FOR SIDE DRAIN PIPE-OR FOR STORM DRAIN PIPE PARALLEL TO MAINLINE)	
					ALTERNATE 1	
					SEPT., 1993	
					NUMBER 1122	
					SHEET 1 OF 3	
REVISED GENERAL NOTES	1-28-05	CONVERTED TO STANDARD	12-14-94	PAY ITEM REVISION	11-18-94	GEN. REVISION
G.L.O.	R.M.L.	R.M.L.	R.M.L.	BY	DATE	REVISION
					NO SCALE	
					DESIGNED _____	
					DRAWN _____	
					TRACED _____	
					CHECKED _____	
					(SUBMITTED) _____	
					STATE ROAD & AIRPORT DESIGN ENGINEER	
					(APPROVED) _____	
					CHIEF ENGINEER	